

Claims

- [c1] 1. A folding frame with a rotatable hook comprising:
 - an upper body;
 - a lower body;
 - a fixing device disposed on the upper body;
 - a hook rotatably coupled to the lower body, wherein the hook is unhooked from the fixing device when the hook is rotated into the lower body and the hook is engaged with the fixing device when the hook is rotated out from the lower body; and
 - a fastener for rotating the hook opposite to the lower body.
- [c2] 2. The folding frame of claim 1 wherein the fastener comprises:
 - a shaft, wherein a first end of the shaft is coupled to the hook; and
 - a spring, wherein a first end of the spring is coupled to a second end of the shaft.
- [c3] 3. The folding frame of claim 1 wherein the fastener comprises a latch pin capable of moving the spring thereby moving the shaft for rotating the hook.
- [c4] 4. The folding frame of claim 3 wherein a first end of the

latch pin is coupled to a second end of the spring and a second end of the latch pin is exposed outside the lower body.

- [c5] 5. The folding frame of claim 4 in which the second end of the latch pin is connected to a knob, wherein the hook is rotated forward when the knob is moved.
- [c6] 6. The folding frame of claim 1 further comprising a slit, wherein the fastener slides along the slit for rotating the hook.
- [c7] 7. The folding frame of claim 1 wherein the fixing device comprises a magnet, and the hook comprises a magnetic metal.
- [c8] 8. The folding frame of claim 1 wherein the upper body is a display module and the lower body is a system module.
- [c9] 9. The folding frame of claim 8 wherein the system module comprises:
 - a central processing unit;
 - a memory module;
 - a wireless module for transmitting signals wirelessly; and
 - a bus interface for receiving and/or outputting signals from/to another system.

- [c10] 10. The folding frame of claim 1 wherein the lower body is a display module and the upper body is a system module.
- [c11] 11. The folding frame of claim 10 wherein the system module comprises:
 - a central processing unit;
 - a memory module;
 - a wireless module for transmitting signals wirelessly; and
 - a bus interface for receiving and/or outputting signals from/to another system.
- [c12] 12. The folding frame of claim 1 being a notebook computer.
- [c13] 13. The folding frame of claim 1 being a portable PC wherein the upper body is a display module and comprises a touch panel, the upper body connected to the lower body rotatably and with the fixing devices set on both sides.
- [c14] 14. The folding frame of claim 1 being an electronic translator.
- [c15] 15. A folding frame with a rotatable hook comprising:
 - an upper body;
 - a lower body;
 - a fixing device disposed on the upper body;

a hook rotatably coupled to the lower body, wherein the hook is unhooked from the fixing device when the hook is rotated into the lower body and the hook is engaged with the fixing device when the hook is rotated out from the lower body; and

a fastener for rotating the hook opposite to the lower body comprising:

a spring, wherein a first end of the spring is coupled to the hook; and

a latch pin capable of moving the spring thereby rotating the hook, wherein a first end of the latch pin is coupled to a second end of the spring.

- [c16] 16. The folding frame of claim 15 further comprising a slit, wherein the fastener slides along the slit for rotating the hook.
- [c17] 17. The folding frame of claim 15 wherein the second end of the latch pin is exposed outside the lower body.
- [c18] 18. The folding frame of claim 15 in which the second end of the latch pin is connected to a knob, wherein the hook is rotated forward when the knob is moved.
- [c19] 19. The folding frame of claim 15 wherein the fixing device comprises a magnet, and the hook comprises a magnetic metal.

- [c20] 20. The folding frame of claim 15 wherein the upper body is a display module and the lower body is a system module.
- [c21] 21. The folding frame of claim 20 wherein the system module comprises:
 - a central processing unit;
 - a memory module;
 - a wireless module for transmitting signals wirelessly; and
 - a bus interface for receiving and/or outputting signals from/to another system.
- [c22] 22. The folding frame of claim 15 wherein the lower body is a display module and the upper body is a system module.
- [c23] 23. The folding frame of claim 22 wherein the system module comprises:
 - a central processing unit;
 - a memory module;
 - a wireless module for transmitting signals wirelessly; and
 - a bus interface for receiving and/or outputting signals from/to another system.
- [c24] 24. The folding frame of claim 15 being a notebook computer.

- [c25] 25. The folding frame of claim 15 being a portable PC wherein the upper body is a display module and comprises a touch panel, the upper body connected to the lower body rotatably and with the fixing devices set on both sides.
- [c26] 26. The folding frame of claim 15 being an electronic translator.